

### **AMENDMENTS TO THE SPECIFICATION**

Please amend Table 3 beginning on page 29 with the Table 3 as appended to this paper.

Table 3. Sequence of Synthetic Oligodeoxynucleotides and Extension Primers

Synthetic oligodeoxynucleotides as extension templates	Extension primers	Misincorporation
Template 1 (G/C)		
GTGGTGTCTCTTCGAAGGGCTTGCTAATCCTTGG CCCA (SEQ ID NO: 65)	CCAAGGATTAGCAAGCCCCTTCGAAGAG (SEQ ID NO: 67)	G allele for CC cluster
GTGGTGTCTCTTCGAAGGGCTTGCTAATCCTTGG CCCA (SEQ ID NO: 66)		
Template 2 (G/A)		
AGTGGATCCCACTGTGCGATGGAGATGCTGAGAAA GACCC (SEQ ID NO: 68)	CTCAGGCATCTCCATCGACAGTGGG (SEQ ID NO: 70)	G allele for AA cluster
AGTGGACCCCACTGTGCGATGGAGATGCTGAGAAA GACCC (SEQ ID NO: 69)	CTCAGGCATCTCCATCGACAGTGGG (SEQ ID NO: 70)	
Template 3 (A/T)		
ACGAAATTTTGCTAGTGGTTACCCATGGTCATA GCTGT (SEQ ID NO: 71)	CTATGACCATGGGTAAACCACACTAGCAAAA (SEQ ID NO: 73)	A allele for TT cluster
ACGAAATTTTGCTAGTGGTTACCCATGGTCATAG CTGT (SEQ ID NO: 72)		
Template 4 (G/A)		
CAAACTAAGATAGCTATTCCATCCCTCCATTCGTT TTTATTATC (SEQ ID NO: 74)	AACGAATGGAGGGATGGAATA (SEQ ID NO: 76)	A allele for GG cluster

Synthetic oligodeoxynucleotides as extension templates	Extension primers	Misincorporation
CAAAACTAAGATAGTTATCCATCCCTCCATTCTGTT TTTATTATC (SEQ ID NO: 75)		
Template 5 (A/T)		
CACTAGCAAAAATTTCTGTCCTGTTCCCACTGGCC GTCC (SEQ ID NO: 77)	GGCCAGTGGGAACACGGACACGAAA (SEQ ID NO: 79)	A allele for TT cluster
CACTAGCAAAAATTTCTGTCCTGTTCCCACTGGCC GTCC (SEQ ID NO: 78)		
Template 6 (G/A)		
AGTGGATCCCACTGTCGATGGAGATGCCTGAGAAA GACCC (SEQ ID NO: 80)	CTCAGGCATCTCCATCGACAGTGGG (SEQ ID NO: 82)	G allele for AA cluster
AGTGGACCCCACTGTCGATGGAGATGCCTGAGAAA GACCC (SEQ ID NO: 81)		